

October 17<sup>th</sup>, 2018

ADDENDUM NO. 2

TO: CONTRACT DOCUMENTS  
FOR: PARK RESTROOM EXPANSION PROJECT FOR MOUNTVIEW PARK IMPROVEMENTS, AT  
1651 EAST ON FORT UNION BOULEVARD --- PROJECT # CHC.302  
FOR: CITY OF COTTONWOOD HEIGHTS, UTAH

A. **SECTION 00100.**

1. **1.03 BID**

- a. Change bid opening date to OCTOBER 25<sup>th</sup>, 2018 at 2:00 PM

B. **BID SCHEDULE - 00420**

- 1. REPLACE BID SCHEDULE with BID SCHEDULE (REVISED#2)

C. **MEASUREMENT AND PAYMENT - 01200**

- 1. REPLACE MEASUREMENT AND PAYMENT with MEASUREMENT AND PAYMENT (REVISED)

D. **DRAWINGS.**

- 1. REPLACE PAVILLION Site Plan to in Construction Drawings
  - a. REPACE DRAWING C.101, S.101, S.102 – PAVILLION SITE PLAN with PAVILLION SITE PLAN DRAWING – REVISION B – C.101, S.101 & S.102.

GILSON ENGINEERING

**SECTION 00420**

**BID SCHEDULE (REVISED #2)**

BIDDER agrees to perform all the work described in the CONTRACT DOCUMENTS for the following unit prices or lump sum prices.

NOTE: BIDS shall include sales tax and all other applicable taxes and fees.

"PARK RESTROOM EXPANSION FOR MOUNTAINVIEW PARK IMPROVEMENTS, AT 1651 EAST ON FORT UNION BOULEVARD --- PROJECT # CHC.302"; for the City of Cottonwood Heights, Utah

**SCHEDULE "A": MOUNTVIEW PARK RESTROOM EXPANSION PROJECT**

No.	Item	Quantity	Unit	Unit Price	Total Amount
1.	General site work, complete; including general excavation, grading, compaction, erosion control and all appurtenant work	1	ls		
2.	Demolish and dispose of 4-inch thick concrete pavement, complete	185	sf		
3.	Furnish and install 4-inch thick concrete pavement, complete for walks; including all required earthwork and 6-inch thick gravel road base, complete	345	sf		
4.	Relocate existing irrigation system including back flow preventor and cage, irrigation control valve, blow off valve, and extend 4-inch PVC piping, including all required earthwork and all appurtenant work, complete	1	ls		
5.	Relocate existing electrical system including 3 junction boxes, 1-inch PVC electrical conduits, and all appurtenant work, complete	1	ls		
6.	Construct masonry building expansion for park restroom, complete; including all required earthwork for structure, modifications to existing structure, gravel base, concrete work, masonry work, miscellaneous metal work, carpentry work, roof trusses, galvanized metal seam roof system, roof vents, louvers and grills, metal doors & frames, door hardware, ceiling board and trim, painting, floor finishing, and all appurtenant work	1	ls		
7.	Furnish and install Harristone veneer on restroom exterior walls, matching existing building, complete	200	sf		
8.	Furnish and install skylights on restroom roof, complete	3	ea.		
9.	Furnish and install plumbing system, complete, for park restroom expansion; including sawcut existing concrete floor, modifications to existing plumbing system, all required pipe and fittings, valves, floor drains, hose bibs, restore concrete flooring, and all appurtenant, plumbing items; and all appurtenant work to complete the expanded restroom plumbing system	1	ls		
10.	Furnish and install restroom accessories, complete, for park restroom; including metal toilet partitions & screens, grab bars, toilet paper dispensers, 2 baby changing stations, and all related items; and all appurtenant work	1	ls		
11.	Furnish and install fixtures, complete, for restroom; including wall mount china toilets and urinals with touch less sensor flush valves, china wash basins with touch less sensor faucets, and all appurtenant items; and all appurtenant work to complete installation of fixtures	1	ls		

12.	Furnish and install electrical system, complete, for restroom; including modifications to existing electrical system, all wire, conduit, boxes, wiring devices, safety switch, lighting panel, interior light fixtures, exterior lighting induction wall pack, switches, photo-cells, duplex outlets, hand dryers, and all related electrical items; connecting all related electrical items; and all appurtenant work to complete electrical system	1	Is	_____	_____
<b>ADD#1,2</b> 13.	<b>Excavation and subgrade preparation for Pavilion construction and concrete slab, complete</b>	1	Is	_____	_____
<b>ADD#1</b> 14.	<b>Construct concrete footings and slab, complete, for the new pavilion as shown on enclosed drawings</b>	1	Is	_____	_____
<b>ADD#1</b> 15.	<b>Construct park pavilion structure, complete as shown on enclosed drawings</b>	1	Is	_____	_____
<b>ADD#2</b> 16.	<b>Furnish and install ten LED uplight reflector lighting, complete</b>	1	Is	_____	_____
<b>ADD#2</b> 17.	<b>Furnish and install 2-inch PVC electric conduits &amp; electrical wire, complete, for pavilion lighting and power outlets, including all required earthwork, conduits, pull ropes, boxes, connectors and accessories, and connection to power near splash pad, and all appurtenant work</b>	1	Is	_____	_____
<b>ADD#2</b> 18.	<b>Furnish and install light switch at park pavilion, complete, including a photocell and timer override at park bathroom; pull wire for photocell and and timer override through existing pvc conduit, complete.</b>	1	Is	_____	_____
<b>ADD#2</b> 19.	<b>Furnish and install outdoor power outlets (2), complete, at pavilion, as indicated on drawings, and all appurtenant work</b>	1	Is	_____	_____
<b>TOTAL OF BID ---</b>					_____

Respectively Submitted:

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Address

\_\_\_\_\_  
Title

\_\_\_\_\_  
Date

\_\_\_\_\_  
Contractor License No.

\_\_\_\_\_  
Taxpayer Identification No.  
(Or Social Security No.)

(Seal - if Bid is by a corporation)

Attest \_\_\_\_\_

## **SECTION 02100**

### **MEASUREMENT AND PAYMENT - REVISED**

#### **PART 1 GENERAL**

##### **1.01 SECTION INCLUDES**

- A. Measurement and payment for the Park Restroom Expansion for the Mountview Park.
  - 1. General site preparation.
  - 2. Constructing extension of masonry building, complete, for restroom.
  - 3. Furnishing and installing natural or cultured stone veneer of exterior walls of restroom.
  - 4. Furnishing and installing skylights on the restroom roof.
  - 5. Furnishing and installing restroom plumbing system, restroom fixtures, and restroom accessories. Saw cutting existing concrete flooring, tie into exiting plumbing and restore concrete flooring.
  - 6. Furnishing and installing electrical system for restroom, connect to existing panel.
  - 7. Relocating existing backflow preventor, electrical boxes on site
  - 8. Demolish existing concrete sidewalk
  - 9. Concrete Sidewalk Construction
  - 10. Pavilion Excavation and Preparation
  - 11. Constructing Concrete Footing and Slab for Pavilion Structure
  - 12. Constructing Park Pavilion Structure
  - 13. Furnishing and installing LED Lighting & power outlets in Pavilion
  - 14. Furnishing and installing electrical system for Pavilion

##### **1.02 RELATED SECTIONS**

- A. Section 01270 - Unit Prices: criteria applicable to Work performed under a unit price or lump sum price payment method.

##### **1.03 MEASUREMENT AND PAYMENT**

- A. Measurement shall be made at the units or lump sums, as described below.
- B. Payment shall be made at the unit price or lump sum price bid in the bid schedule for the items described below; which shall be payment in full for all costs of furnishing labor, tools, equipment, materials, testing, etc., to complete the items of work as specified and as indicated on the drawings.
- C. General Site Preparation (Bid Item No. 1):
  - 1. Basis for Measurement: Lump Sum.
  - 2. Basis for Payment: Includes all general site preparation, as required, including fine grading areas adjacent to restroom expansion building, as indicated and as directed; removing and disposing of excess and

unacceptable material from the site in an acceptable manner; backfilling around concrete work to match existing building, as indicated and as directed; shaping and grading backfill material as indicated and as directed, and compacting backfill material; and all appurtenant work required to complete the work.

- a. Payment shall also include placing, grading and compacting excess structural excavation material around the restroom site, as required and as directed.

D. Remove Sidewalk around Restroom or Pavilion (Bid Items No. 2):

1. Basis for Measurement: By the square foot of concrete sidewalk actually removed
2. Basis for Payment: Includes all required earthwork, to include breaking-up and removing existing concrete sidewalk, where indicated and as directed by the City Inspector; cutting; disposing of concrete debris in an acceptable manner, and all appurtenant work to complete the removal.

E. Construct Sidewalk around Restroom or Pavilion (Bid Items No. 3):

1. Basis for Measurement: By the square foot of concrete sidewalk actually installed.
2. Basis for Payment: Includes all required earthwork, to including backfilling excavations, and compacting backfill; furnishing, placing and compacting new gravel base, to the thickness indicated; constructing new sidewalk, including expansion joints, of the size and to the limits as indicated and as directed; furnishing, placing and compacting new concrete material to replace paving removed, including new road base, as directed; and all appurtenant work to sidewalk construction around park restroom expansion.

F. Relocate Irrigation System for Restroom Expansion (Bid Item No. 4):

1. Basis for Measurement: Lump Sum.
2. Basis for Payment: Includes all required work, including relocating existing backflow preventor and steel cage, irrigation control valve and blow off valve, including all required new 4-inch PVC pressure pipe, excavating trenches to required elevations as indicated and as directed; loading and placing excavated materials in stockpile if it is to be re-used; removing and disposing of excess and unsuitable material from site; furnishing, placing and compacting pipe bedding material around pipe line, as indicated and as directed; backfilling trenches above pipe zone to required elevations, where and as directed; compacting all trench backfill material to required densities as directed; furnishing and installing new PVC pressure pipe, poly-pipe, and fittings of the size and class indicated on the drawings; furnishing and installing new valves as indicated; and all appurtenant work to relocate existing irrigation water system.

G. Relocate Existing Electrical Service System for Restroom Expansion (Bid Item No. 5):

1. Basis for Measurement: Lump Sum.
2. Basis for Payment: Includes all required work, to relocate boxes, conduits and cable for 3 electrical junction boxes, and reconnecting back into electrical panel located in existing park restroom, including all backfilling, excavations, and compacting backfill material; pull boxes, junction boxes, safety switch, and all appurtenant items; connecting relocated electrical system to existing power source; and all appurtenant work to relocate electrical boxes, conduits and cables.

H. Construct Masonry Expansion Building for Park Restroom (Bid Item No. 6):

1. Basis for Measurement: Lump Sum.
2. Basis for Payment: Includes all required earthwork, to include structural excavation for restroom building expansion, loading and placing excavated materials in stockpile if it is to be re-used, removing and disposing of excess and unacceptable material from the site, backfill of excavations around structures as indicated, shaping and grading backfill material as indicated and as directed, and compacting all backfill; scarifying and compacting all substrate surfaces under structures; furnishing, placing, grading and

compacting gravel base material as indicated; constructing masonry building, as indicated, including all concrete work and reinforcement; masonry work, including concrete block with split-faced or plain face on exterior walls as indicated; installing ceramic tiles on plain face blocks, as indicated; carpentry work, including roof trusses, roof decking and related work; furnishing and installing roof vent and appurtenant items; furnishing and installing galvanized metal seam roof system and appurtenant items; furnishing and installing miscellaneous metal work; furnishing and installing metal doors and frames, to include door hardware; furnishing and installing ventilating system, to include louvers and grills; furnishing and installing ceiling board and trim; furnishing and applying painting and floor finish; and all appurtenant work to complete the restroom building.

I. Furnish and Install Stone Veneer on Exterior Walls (Bid Items No. 7):

1. Basis for Measurement: By the square foot of veneer actually installed.
2. Basis for Payment: Includes furnishing and installing Harristone veneer on exterior masonry walls of restroom building, as indicated and as directed; and all appurtenant work to complete the installation.
  - a. In the areas where veneer is to be installed, the exterior blocks shall be plain face.

J. Furnish and Install Skylights on Restroom Expansion Roof (Bid Item No. 8):

1. Basis for Measurement: By the unit of skylights actually installed.
2. Basis for Payment: Includes furnishing and installing skylights on the restroom roof as indicated, including preparing roof opening to receive skylight, installing skylight as required, and all appurtenant work to complete the installation.

K. Plumbing System for Restroom Expansion (Bid Item No. 9):

1. Basis for Measurement: Lump Sum.
2. Basis for Payment: Includes all modifications to existing plumbing system, including sawcut, remove and replace existing concrete floor, install all furnishing and plumbing system for restroom expansion, complete, including all pipe and fittings, valves, floor drains, hose bibs, and all related plumbing items, as indicated; and all appurtenant work to complete the restroom plumbing system.

L. Restroom Accessories for Restroom (Bid Item No. 10):

1. Basis for Measurement: Lump Sum.
2. Basis for Payment: Includes furnishing and installing restroom accessories for restroom, complete, including toilet partitions and urinal screens, grab bars, toilet paper dispensers, baby changing stations in men's and woman restroom, and all related accessory items, as indicated; and all appurtenant work to complete the installation of accessories.

M. Fixtures for Restroom (Bid Items No. 11):

1. Basis for Measurement: Separate Lump Sum for each alternate bid item.
2. Basis for Payment: Includes furnishing and installing vitreous china toilets with touchless flush valves, vitreous china wash basins with sensor valve controllers, hangers, and all related items; and all appurtenant work to complete the installation of the fixtures.

N. Electrical System for Restroom (Bid Item No. 12):

1. Basis for Measurement: Lump Sum.
2. Basis for Payment: Includes furnishing and installing electrical system for restroom, complete, including all wire, conduit, boxes, safety switch, lighting panel, interior and exterior light fixtures, switches, photo-cells, duplex outlets, hand dryers, and all appurtenant items, as indicated and as directed; connecting all

electrical equipment, as directed; and all appurtenant work to complete the restroom electrical system.

O. Excavating and subgrade preparation for Pavilion Structure concrete slab (Bid Item No. 13):

1. Basis for Measurement: Lump Sum
2. Basis for Payment: Includes all required earthwork, to include excavating for new concrete pavement, grading, scarifying and compacting sub-grades, backfilling around structures, and compacting backfill material; loading and placing material in stockpile if it is to be re-used, removing excess and unacceptable material from site and disposing of the material in an acceptable manner
3. Does Not Include Over-Excavation: Payment will not be made for over-excavated work or for replacement materials.

P. Construct concrete footings and slab for park pavilion (Bid Item No. 14):

1. Basis for Measurement: Lump Sum
2. Basis for Payment: Includes supplying gravel road base material; placing and compacting gravel road base material to the thickness indicated and as directed; constructing new colored concrete pavement, including expansion joints, to the limits indicated and as directed; constructing the reinforced concrete footings of pavilion, as indicated, and all appurtenant work to complete construction of the concrete pavement & concrete footings.

Q. Construct Park Pavilion Structure (Bid Item No. 15):

1. Basis for Measurement: Lump Sum.
2. Basis for Payment: Includes constructing a covered timber pavilion, complete, to include furnishing and delivering all wood products, including glu-lam beams, tongue and groove 2' x 6', fabricated metal plates, powder coated tubular steel, dimension lumber and all appurtenant items; assembling pavilion components in-place on pavilion footings; furnishing and installing miscellaneous metal work; furnishing and installing metal roof system; and all appurtenant work to complete pavilion construction.

R. Furnish and install 10 LED Lighting (Bid Item No. 16):

1. Basis for Measurement: Lump Sum.
2. Basis for Payment: Includes furnishing and installing ten 3000 LUMEN, 2700 K LED up light reflector lighting, complete. Place lighting as shown in construction drawings, and as indicated; including all connection to trusses, wire, conduit, boxes, exterior light fixtures, connecting to electrical system and all appurtenant items, as indicated and as directed;

S. Connection to Park Electrical system for Pavilion lighting switches, and power outlets (Bid Item No. 17):

1. Basis for Measurement: Lump Sum.
2. Basis for Payment: Includes all required earthwork, to include excavating for conduits and cable, furnishing and installing electrical system for pavilion, complete, to including 2-inch PVC conduit, wires, pull boxes, junction boxes, connectors and accessories, and all appurtenant items; connecting to existing electrical system near splash pad control box, and all appurtenant work to complete new electrical system for pavilion improvements.

T. Furnish and install light switch at park pavilion, including photocell and timer override at park bathroom (Bid Item No. 18):

1. Basis for Measurement: Lump Sum.
2. Basis for Payment: Includes furnishing and installing light switch above river rock column for pavilion lights, including a photocell and timer override at park bathroom, place wiring for photocell and timer override in

existing pvc conduit, complete; includes all required conduit and wiring to connect timer override and photocell connectors to light switch at park pavilion, all required connectors and accessories, all connections to pavilion lighting electrical system, distribution boxes, and all appurtenant items, as indicated and as directed.

U. Furnish and install outdoor two power outlets at park pavilion, (Bid Item No. 19):

3. Basis for Measurement: Lump Sum.

4. Basis for Payment: Includes furnishing and installing 110V outdoor rated dual outlets with GFCI protection and arc fault protected, place above river rock column as shown in construction drawings; includes all required conduit and wiring to connect outlets to existing electrical system, including all required connectors and accessories, distribution boxes, and all appurtenant items, as indicated and as directed.

## **PART 2 PRODUCTS - NOT USED**

## **PART 3 EXECUTION - NOT USED**

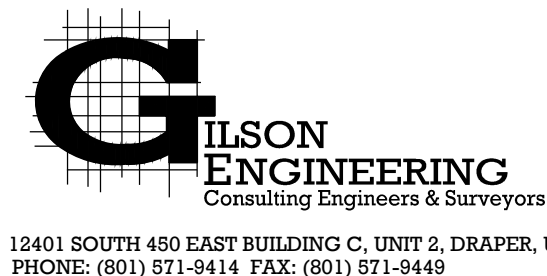
**END OF SECTION**



# COTTONWOOD HEIGHTS

OCTOBER, 2018  
CHC.302.18  
REVISION B

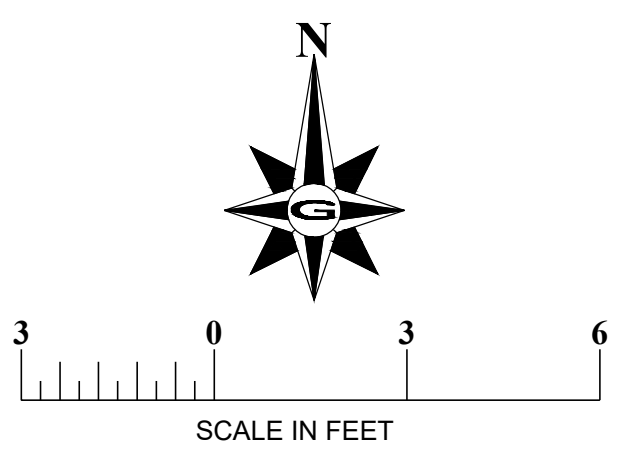
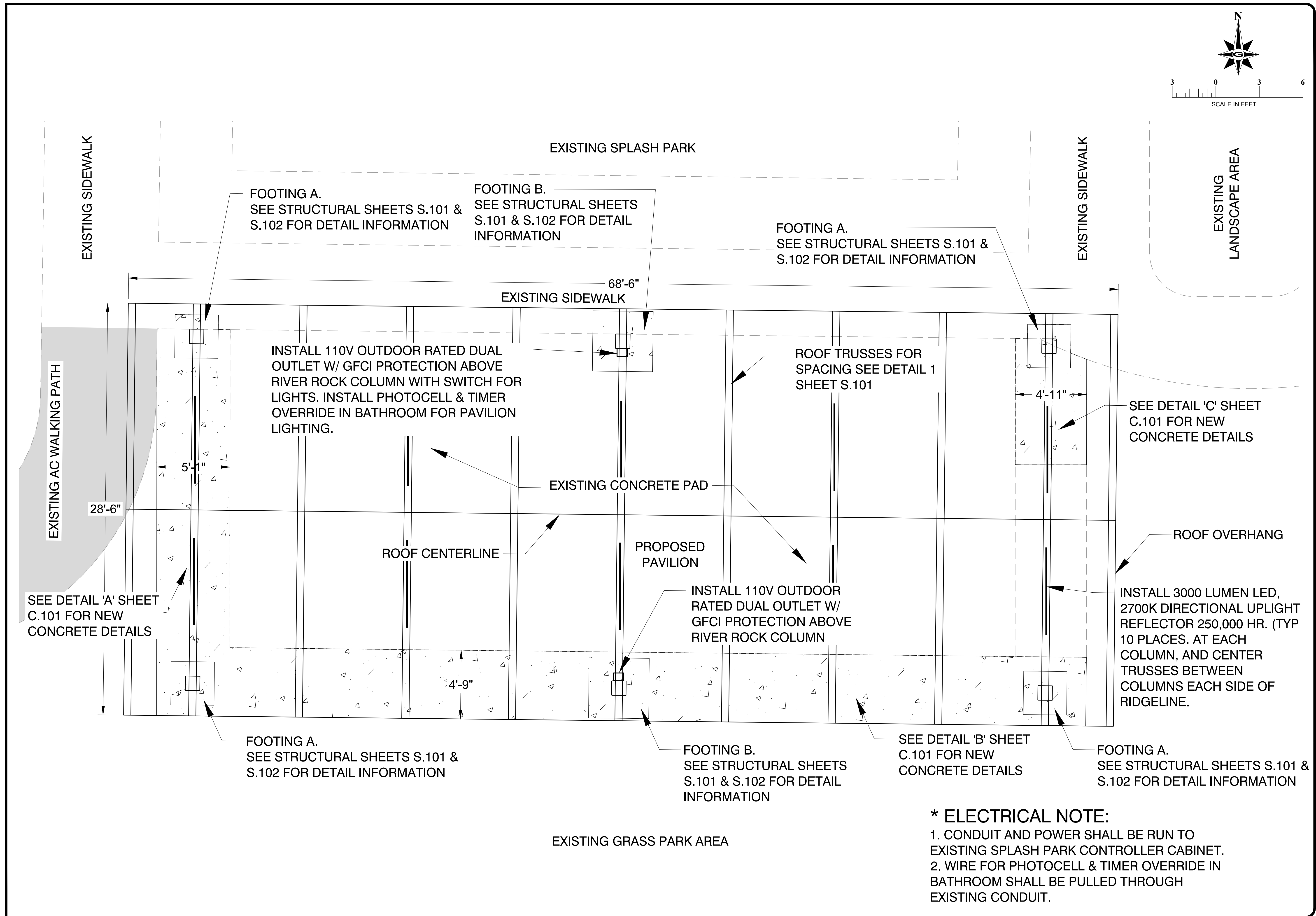
MOUNTVIEW PARK PAVILION PROJECT  
FORT UNION BLVD. & VILLAGE GREEN ROAD  
LOCATED IN THE CITY OF COTTONWOOD HEIGHTS, UTAH



MOUNTVIEW PARK PAVILION - COTTONWOOD HEIGHTS

CHC.302.18





**GILSON ENGINEERING**  
Consulting Engineers & Surveyors  
12401 SOUTH 460 EAST BUILDING C UNIT 2, DRAPER, UT 84020  
PHONE: (801) 971-9414 FAX: (801) 971-9449

PROFESSIONAL SEAL  
10/19/2018  
No. 382116  
Bradley S. Gilson  
STATE OF UTAH

REVISIONS  
REV. DATE BY COMMENTS

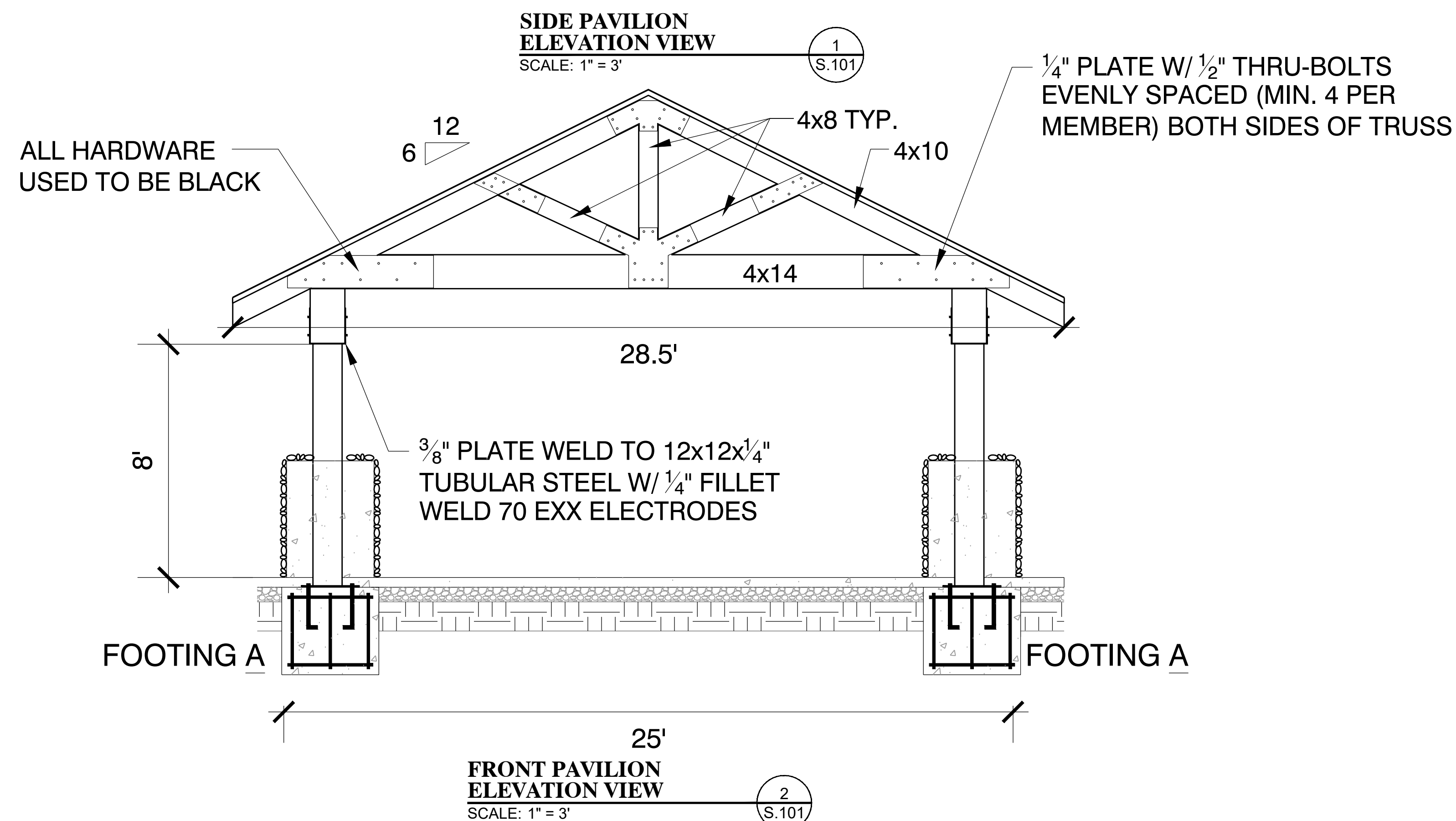
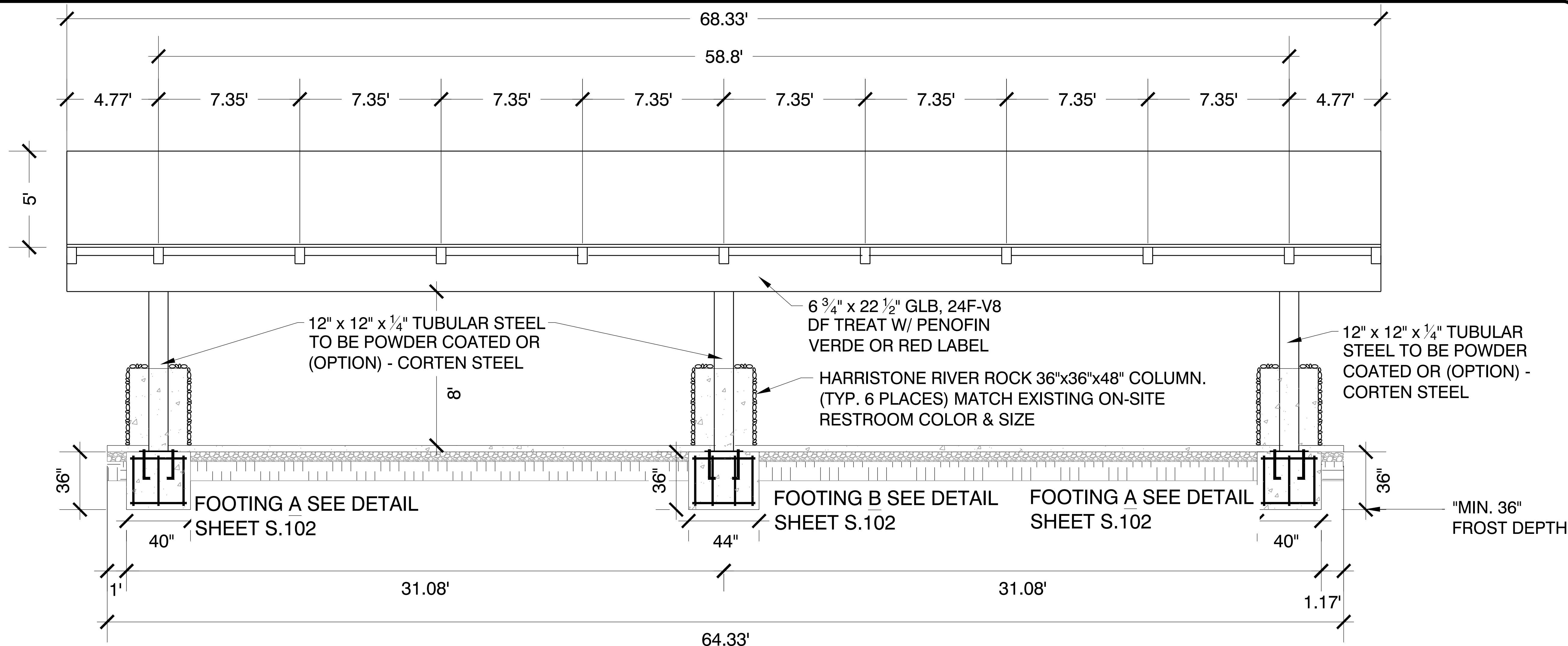
DATE: OCTOBER 2018  
DRAWING NAME: C-102 PAVILION ELEVATION PLAN  
DESIGNED/DRAWN BY: BG/BP  
CHECKED: APPROVED:  
1" SCALE MEASURES 1" ON FULL SIZE SHEET  
ADJUST FOR HALF SIZE SHEET

**ENLARGED PAVILION & LIGHTING PLAN**  
MOUNTVIEW PAVILION PROJECT  
FORT UNION BLVD. & VILLAGE GREEN RD.  
COTTONWOOD HEIGHTS, UTAH

REVISION: **A**  
PROJ. # **CHC.302**

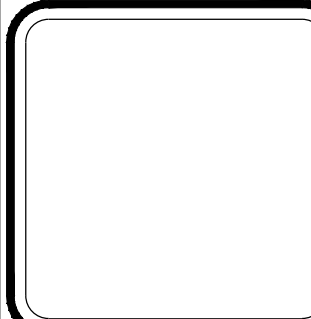
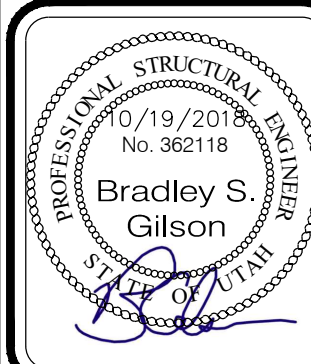
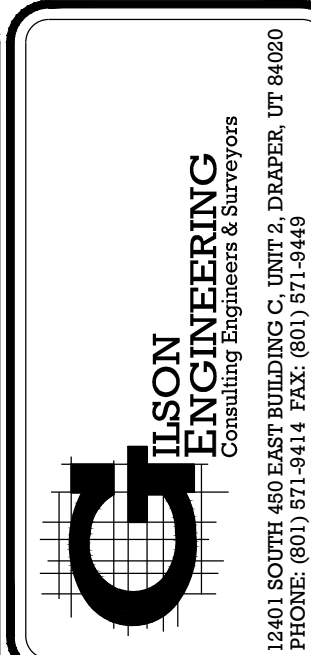
**C.102**





#### STRUCTURAL KEY NOTES:

1. ROUGH SAWN TRUSSES TO BE SPACED AS SHOWN TO MEET LIVE LOAD OF 86 PSF.
2. DECKING MATERIAL 2"x6" T&G BOISE CASCADE DOUG FIR WITH FELT OVER THE TOP SELECT STRUCTURAL E=1MIL. PSI
3. ALL HARDWARE USED TO BE BLACK
4. FROST DEPTH = 36"

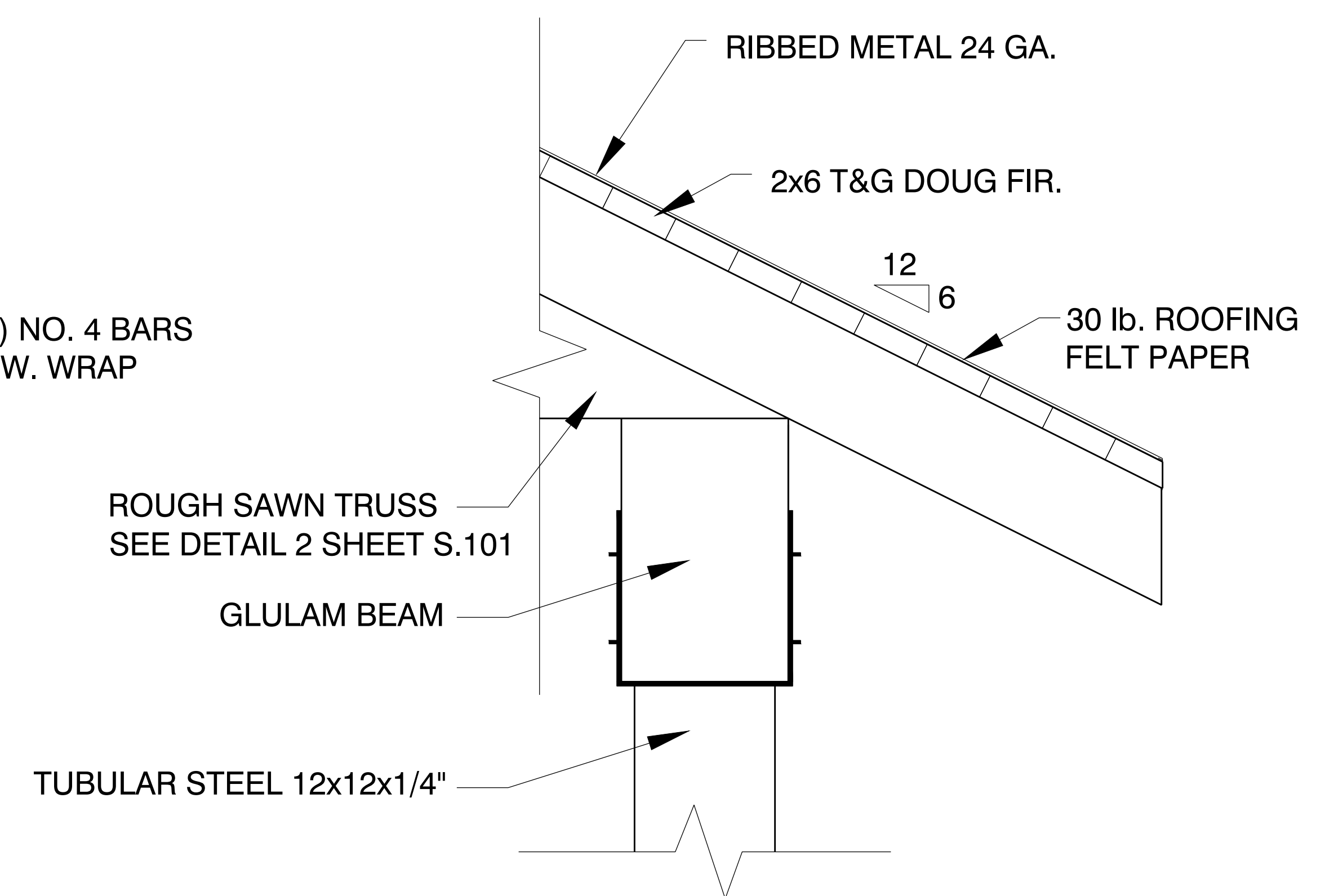
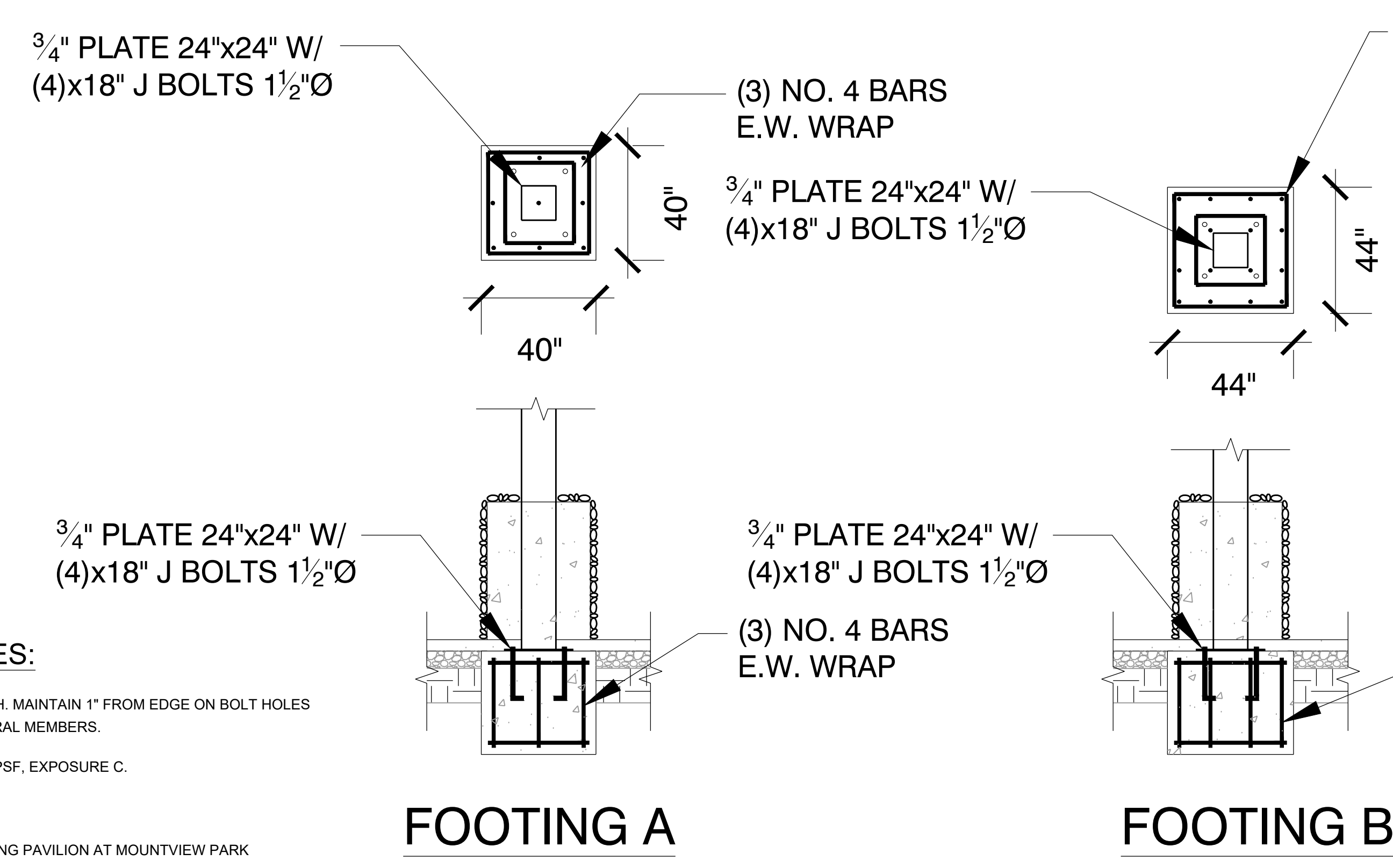
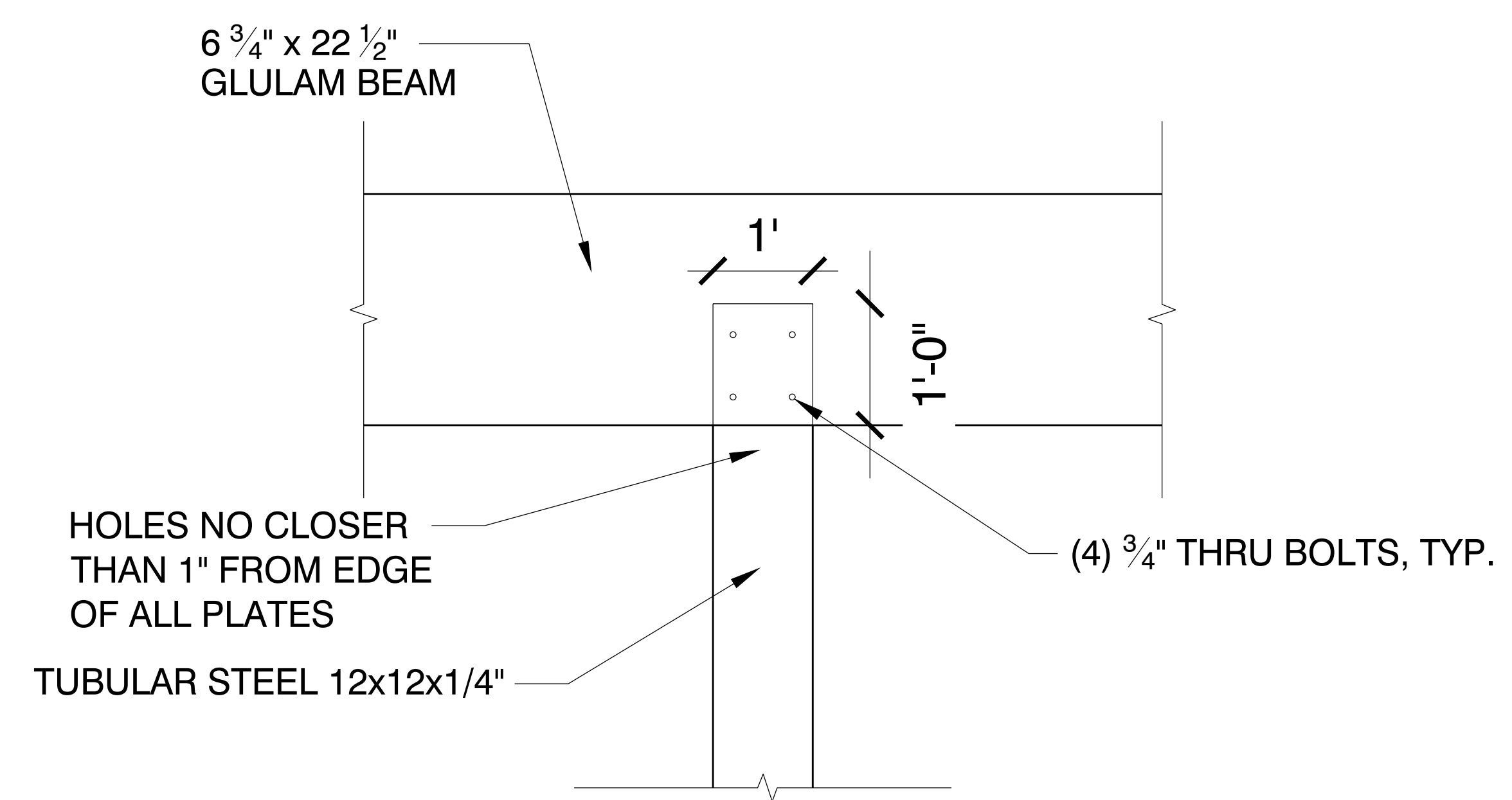
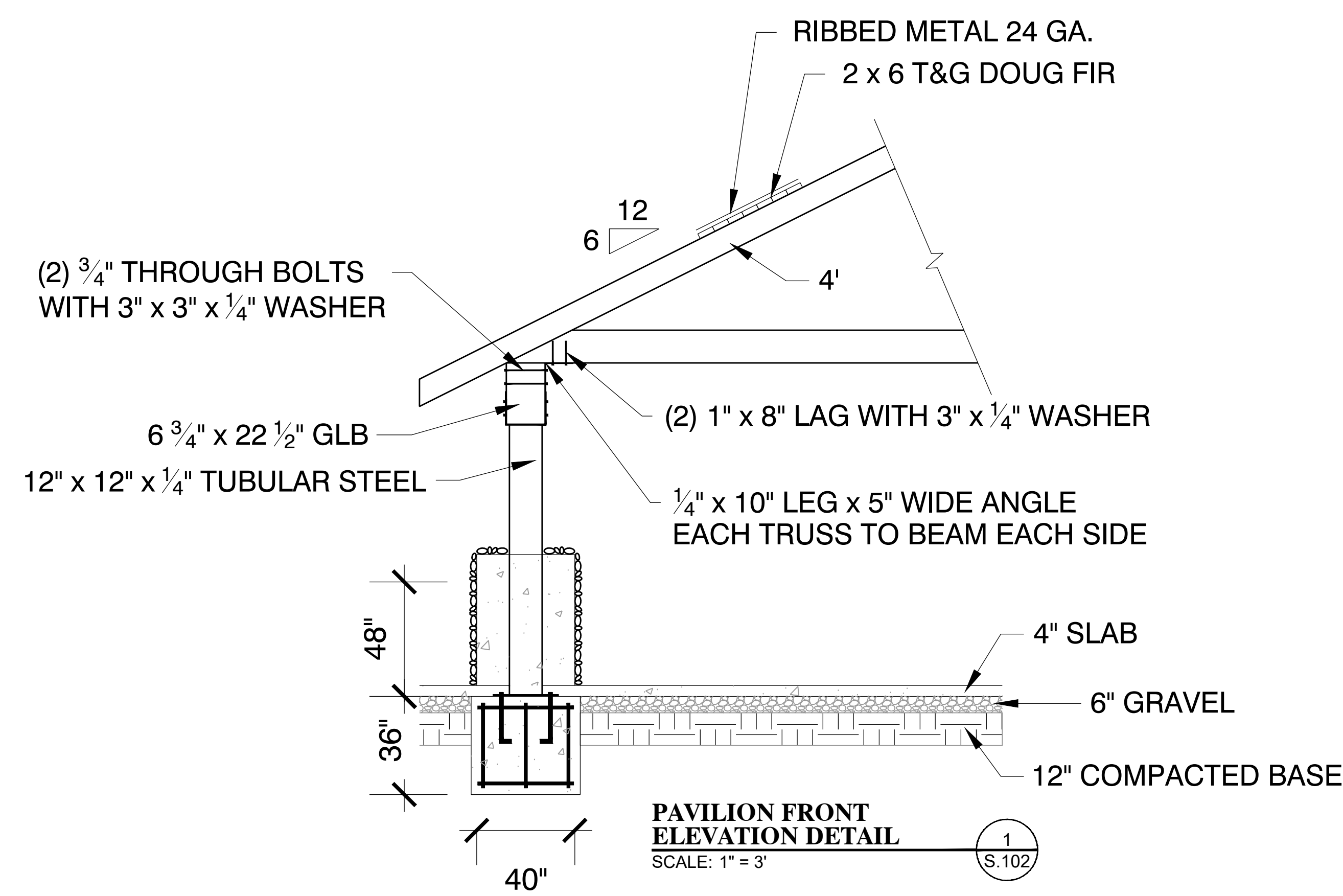


DATE	REVISIONS
OCTOBER 2018	1
DESIGNED BY:	BR/S
CHECKED BY:	BR/S
APPROVED BY:	BR/S
SCALE:	1" = 3'

**STRUCTURAL PAVILION ELEVATIONS**  
MOUNTVIEW PAVILION PROJECT  
FORT UNION BLVD. & VILLAGE GREEN RD.  
COTTONWOOD HEIGHTS, UTAH

REVISION: B  
PROJ. # **CHC.302**

**S.101**



- STRUCUTRAL KEY NOTES:**
1. SCALE PALTES APPROXIMATELY PER SKETCH. MAINTAIN 1" FROM EDGE ON BOLT HOLES AND KEEP PLATE 1/2" FROM EDGE OF STRUCTURAL MEMBERS.
  2. TRUSS DESIGN BY OTHERS, SNOW LOAD 90 PSF, EXPOSURE C.
  3. ALL HARDWARE USED TO BE BLACK
  4. ROOF SHALL MATCH SAME SILVER AS EXISTING PAVILION AT MOUNTVIEW PARK
  5. COLUMNS SHALL MATCH SAME COLOR AS EXISTING PAVILION AT MOUNTVIEW PARK

BRADLEY S. GILSON  
ENGINEERING  
Consulting Engineers & Surveyors  
12401 SOUTH 460 EAST BUILDING C. UNIT 2, DRAPER, UT 84020  
PHONE: (801) 571-9414 FAX: (801) 571-9449

PROFESSIONAL ENGINEER  
STATE OF UTAH  
No. 382116  
10/19/2018  
Bradley S. Gilson

REV	DATE	BY	COMMENTS

DATE: OCTOBER 2018  
DRAWING NAME: MOUNTVIEW PAVILION PROJECT  
STRUCTURAL DETAILS  
DESIGNED/DRAWN BY: BG/BP  
CHECKED:   
APPROVED:   
1" SCALE MEASURES 1" ON FULL SIZE SHEET  
ADJUST FOR HALF SIZE SHEET

**STRUCTURAL DETAILS**  
MOUNTVIEW PAVILION PROJECT  
FORT UNION BLVD. & VILLAGE GREEN RD.  
COTTONWOOD HEIGHTS, UTAH

REVISION: B

PROJ. # **CHC.302**

**S.102**